

EXHIBIT 4

International Cosmetic Ingredient Dictionary
and Handbook ("CTFA") 9th ed., p. 1654 (2002).

International Cosmetic Ingredient Dictionary and Handbook

**Ninth Edition
2002**

Editors

Renae Canterbury Pepe
John A. Wenninger
Gerald N. McEwen, Jr., Ph.D., J.D.

Volume 2

Published by

The Cosmetic, Toiletry, and Fragrance Association

1101 17th Street, NW, Suite 300

Washington, D.C. 20036-4702

www.ctfa.org

No portion of the *International Cosmetic Ingredient Dictionary and Handbook* may be reproduced in whole or in part in any form or by any electronic or mechanical means, including information storage and retrieval systems, without prior written permission from The Cosmetic, Toiletry, and Fragrance Association, Inc., 1101 17th Street, N.W., Suite 300, Washington, DC 20036-4702.

The *International Cosmetic Ingredient Dictionary and Handbook (Dictionary)* contains information about ingredient labeling requirements in the United States, the European Union, Japan and other countries. This information is based on publicly available information. While every effort was made to ensure its accuracy and timeliness, compliance with the laws and regulations of the United States, the European Union, Japan, or other country is solely the responsibility of the user of the *Dictionary*. CTFA cannot be held responsible for any specific or general use of the information in the *Dictionary* and disclaims any liability arising from reliance thereon.

The INCI Names presented in the *International Cosmetic Ingredient Dictionary and Handbook* are the result of substantial efforts by CTFA Staff and a committee of experts from the industry and the U.S., Japan, and the EU governments. INCI Names are frequently unique names developed and assigned on the basis of rules developed by CTFA. Additionally, the material as presented in this format is unique and found nowhere else. The development of rules, the assignment of INCI names, and the compilation and arrangement of the information for convenient reference represents an extensive amount of staff resources, judgment, effort, and time, and contributes to the originality of the text. While CTFA allows the use of INCI names for product labeling, regulatory purposes, and research or scholarship, compilation of INCI names for commercial purposes is expressly forbidden without prior written permission. The *International Cosmetic Ingredient Dictionary and Handbook* is fully copyrighted and may not be copied by any means without the written permission of CTFA.

Concerning U.S. Patent and Trademark Rights: The inclusion in the *International Cosmetic Ingredient Dictionary and Handbook* of a monograph of any cosmetic ingredient, in respect to which patent or trademark rights may exist, shall not be deemed, and is not intended as, a grant of, or authority to exercise, any right or privilege protected by such patent or trademark. All such rights and privileges are vested in the patent or trademark owner, and no other person may exercise the same without express permission, authority, or license secured from such patent or trademark owner. The absence of symbols 'TM', '®', or others, as appropriate, with company trade names is strictly for publication convenience, and does not suggest lack of interest by the persons owning these names.

Copyright © 1973, 1977, 1982, 1985, 1991, 1993, 1995, 1997, 1999, 2001

The Cosmetic, Toiletry, and Fragrance Association, Inc.
CTFA

All rights reserved.

Library of Congress Catalog Card No. 2001091626

ISBN 1-882621-29-8 (4-volume set)

PRINTED IN THE UNITED STATES OF AMERICA

Stearyl Acetate (Cont.)

Function: Skin-Conditioning Agent - Emollient

Technical/Other Name:

Acetic Acid, Octadecyl Ester

Trade Name:

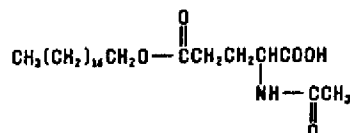
AEC Stearyl Acetate (A & E Connock)

STEARYL ACETYL GLUTAMATE

Empirical Formula:

$C_{26}H_{47}NO_5$

Definition: Stearyl Acetyl Glutamate is the substituted amino acid that conforms to the formula:



Information Sources: JCIC, JCLS

Chemical Classes: Amides; Amino Acids; Esters

Function: Skin-Conditioning Agent - Miscellaneous

Technical/Other Name:

Stearyl N-Acetyl-L-Glutamate

STEARYL ACETYL GLUTAMINATE

Definition: Stearyl Acetyl Glutamate is the ester of stearyl alcohol and Acetyl Glutamine (q.v.).

Chemical Classes: Amino Acids; Esters

Functions: Humectant; Skin-Conditioning Agent - Emollient

Technical/Other Name:

N-Acetyl Glutamine, Stearyl Ester

Trade Name:

NAGS (Kyowa Hakko Kogyo)

STEARYL ALCOHOL

CAS No. EINECS No.
112-92-5 204-017-6

Empirical Formula:

$C_{18}H_{38}O$

Definition: Stearyl Alcohol is the fatty alcohol that conforms generally to the formula:



Information Sources: AUS, 21CFR172.755, 21CFR172.864, 21CFR175.105, 21CFR175.300, 21CFR176.200, 21CFR176.210, 21CFR177.1010, 21CFR177.1200, 21CFR177.2800, 21CFR178.3480, 21CFR178.3910, CIR: [S] JACT-4(5)1985, CTFA S, DDR, ITA, JAN, JCLS, JSCL, KOR, MI-12(8960), NF XIX, SNPF, TSCA, USAN, USD

Chemical Classes: Fatty Alcohols; Sulfonic Acids

Functions: Emulsion Stabilizer; Surfactant - Emulsifying Agent; Surfactant - Foam Booster; Viscosity Increasing Agent - Aqueous; Viscosity Increasing Agent - Nonaqueous

Reported Product Categories: Hair Dyes and Colors (All Types Requiring Caution Statements and Patch Tests); Hair

Conditioners; Moisturizing Preparations; Body and Hand Preparations (Excluding Shaving Preparations); Personal Cleanliness Products, Misc.; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Foundations; Skin Care Preparations, Misc.; Hair Bleaches; Shampoos (Non-coloring); Face and Neck Preparations (Excluding Shaving Preparations); Indoor Tanning Preparations; Night Skin Care Preparations; Makeup Bases; Paste Masks (Mud Packs); Baby Lotions, Oils, Powders and Creams; Eye Makeup Preparations, Misc.; Deodorants (Underarm); Fragrance Preparations, Misc.; Tonics, Dressings, and Other Hair Grooming Aids; Hair Straighteners; Shaving Cream (Aerosol, Brushless and Lather); Eye Shadows; Makeup Preparations (Not eye), Misc.; Aftershave Lotions; Eye Lotions; Mascara; Hair Rinses (Non-coloring); Permanent Waves; Suntan Preparations, Misc.; Bath Soaps and Detergents; Eyeliners; Foot Powders and Sprays; Hair Coloring Preparations, Misc.; Hair Preparations (Non-coloring), Misc.; Makeup Fixatives; Suntan Gels, Creams, and Liquids

Technical/Other Name:

1-Octadecanol

Trade Names:

AEC Stearyl Alcohol (A & E Connock)
Affol 18 Alcohol (Condea Vista)
Cachalot S-56 (Michel)
CO-1895 (Procter & Gamble)
CoChem SA (Costec)
CoChem SAN (Costec)
Crodacol S-70 (Croda, Inc.)
Crodacol S95 (Croda Oleochemicals)
Crodacol S-95 (Croda, Inc.)
HAINOL 18SS (Kokyu Alcohol)
Hyfatol 18-95 (Aarhus)
Hyfatol 18-98 (Aarhus)
Lanette 18 (Cognis Care Chemicals/NJ)
Lanette 18 (Cognis Care Chemicals/PA)
Lanette 18 (Cognis GmbH)
Lanol S (SEPPIC)

Stearyl Aminopropyl Methicone

Lipocol S (Lipo)

Nacol 18-94 (Condea Chemie GmbH)

Nacol 18-98 (Condea Chemie GmbH)

Nacol 18-99 (Condea Chemie GmbH)

Nikkol Stearyl Alcohol (Nikko)

RITA SA (RITA)

Sabonal C 18 95 (Sabo)

Seralol (Amerchol)

Stearyl Alcohol NF (Jeen)

STEARYL ALCOHOL NX (Kokyu Alcohol)

Stearyl Alcohol PC (Protameen)

STEARYL ALCOHOL S (Kokyu Alcohol)

STEARYL ALCOHOL SP (Kokyu Alcohol)

Steraffine (Laserson)

Tego-Alkanol 18 (Goldschmidt)

Ultrapur S (Ultra Chemical)

Unihydag WAX-18 (Universal Preserv-A-Chem)

Trade Name Mixtures:

Atlas G-1875 (Uniqema Americas)

Beesilane (LCW)

Brookswax G (Brooks)

Ceral G (Fabriquimica)

Cerasynt WM (International Specialty Products)

Cremophor A6 (BASF)

Dispersen-G (Lanaetex)

Dow Corning 580 Wax (Dow Corning)

Emulgator E 2149 (Goldschmidt)

Emulgator E 2155 (Goldschmidt)

Emulsifying Wax EM0010 (Croda Oleochemicals)

Forlan L (RITA)

Forlan LM (RITA)

Homulgator 920 G (Gau)

Homulgator 1330 G (Gau)

Homulgator 910 G Extra (Gau)

Hydro Myristenol 14082 2/014082 (Dragoco)

Incroquat BES-35 S (Croda, Inc.)

Jeecol ST-20-G (Jeen)

Lipowax G (Lipo)

Lowenol Emulsion 270 (Lowenstein)

Miracare CT 100 (Rhodia)

Neo PCL SE o/w 2/066280 (Dragoco)

Procol ST-20-G (Protameen)

Promulgen G (Amerchol)

Prozymex HBT (Serobiologiques)

Ritapro 200 (RITA)

Sabowax CS 6 (Sabo)

Simulsol SPK (SEPPIC)

Unieucerin (Chemunion)

STEARYL AMINOPROPYL METHICONE

CAS No.: 110720-64-4

Definition: Stearyl Aminopropyl Methicone is the siloxane polymer that conforms generally to the formula:

The inclusion of any compound in the *Dictionary and Handbook* does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.